

SWALLOW.

A N

Almanack for

the yeare of our

LORD GOD

1638.



Being the second after bissextile or leap-yeare,
and from the worlds creation

5587.

¶ Calculated properly for the famous Uni-
versitie and Town of CAMBRIDGE,
but may indifferently serve for any other
place within this kingdom.

Sapiens dominabitur astris.

Printed by the Printers to the
Universitie of Cambridge.

¶ The common notes and moveable feasts
for this yeare 1638.

The Golden number
The Cycle of the Sunne

The Dominicall letter

The Epact

Shrovesunday

Ashwednesday

Easter day

Rogation Sunday

Ascension day

Whitsunday

Advent Sunday

Sundayes after Trinitie

Februarie

Februarie

March

April

May

May

December

5
22
6
25
4
7
25
29
3
13
2
27

The beginning and ending of the Terms.

<i>Hilary</i>	{	T he first of <i>Hilary</i> term shall be On <i>January</i> the twentieth three: And on the twelfth of <i>February</i> This Term doth end most certainly.	{	Term.	
<i>Easter</i>		And <i>Easter</i> term from <i>Easter</i> day, The Wednesday fortnight 'gins alway: And when th' <i>Ascension</i> day is past, Till Munday next this term doth last.		{	Term.
<i>Trinity</i>		On Friday after <i>Trinitie</i> This term begins assuredly: And, as our Lawyers all do write, It ends the Wednesday fortnight.			{
<i>Mich.</i>	If <i>Michaelmas</i> term you seek to finde, The ninth of <i>October</i> bear in minde: It ends, as I do well remember, The twentieth day of <i>November</i> .	{	Term.		

THE



T H E
Anatomic of mans bodie, as the parts
thereof are by Astrologers attributed unto
the 12 signes of the Zodiack.

V Head and face

♄ Neck and throat.
 ♋ Breast, stomack, & ribs.
 ♎ Bowels and belly.
 ♏ Secret members.
 ♐ Knees.



♊ Arms and shoulders.
 ♋ Heart and back.
 ♎ Reins and loyns.
 ♏ Thighs.
 ♐ Legs.

X The feet.

Times prohibiting marriage this yeare.

From the 3 of December, Advent-sunday, 1637, untill the 13 of January following.

From the Saturday before Septuagesima the 20 of January, untill eight dayes after Easter.

From the Saturday before Rogation-Sunday the 28 of April, untill Trinity-Sunday, the 20 of May.

From the Saturday before Advent-Sunday, the first of December, untill the 13 of January following.

January hath xxxi dayes.

- New moon the 5 day, a little past 5 in the morning.
- First quarter the 13 day, 17 minutes past 5 morning.
- Full moon the 19 day, 34 min. past 10 at night.
- Last quarter the 26 day, 47 min. past 8 at night.

1	a	Circumcision	figit. 11	This moneth is like	11	48
2	b	O&. Stephen	23	to play his part with	12	36
3	c	O&. John	cap. 5	no few cold windes	1	24
4	d	O&. Innoc.	17	mixt with frost and	2	12
5	e	Stimeon	28	snow; but cheisly on	3	0
6	f	Enochianie	aqua. 10	the 1, 5, 8, 9, 13, 14,	3	48
7	g	1 Sund. aft. Ep.	20	15, 19, 20, and 27	4	36
8	a	Lucian prest	29	dayes. The 3 good	5	24
9	b	Marcellinus	pisc. 4	weather. The 17 and	6	12
10	c	Sun in Aquar.	17	18 more milde then	7	0
11	d	Higinis	28	the formost dayes.	7	48
12	e	Archad.	Arie. 11	So also may we expect	8	36
13	f	Hilarie bishop	24	the 21, 22, and 29	9	24
14	g	2 Sund. aft. Ep.	taur. 7	dayes to be.	10	12
15	a	Manrus	21		11	0
16	b	Marcellus	gem. 5	The 23 small rain.	11	48
17	c	Antoninus	19	The 30 snow, or	12	36
18	d	Peters chair.	can. 4	rain.	1	24
19	e	Molstan	18		2	12
20	f	O&ab. Hilar.	leo 4	☐ ♂ ☾ ☿ ♀ ☾	3	0
21	g	Septuagesima.	19	* ♄ ☾	3	48
22	a	Vincent	virg. 4	Fair weather.	4	36
23	b	Term begins	19	♂ ♀ ☾	5	24
24	c	Timoth. bish.	lib. 3	Sleet or small rain.	6	12
25	d	Conver. S. Paul	17	♂ ♄ ☾ ☐ ♄ ☾	7	0
26	e	Polycarp.	29	☐ ☉ ☾	7	48
27	f	Quind. Hilar.	scor. 13	△ ♄ ♀ ☿ ♂ ☾	8	36
28	g	Sexagesima	26	☐ ♀ ☾	9	24
29	a	Valerius	fig. 8	Temperate.	10	12
30	b	Matild queen	20	☐ ♀ ☾	11	0
31	c	Epiphania	cap. 12	* ♀ ☾	12	0

February hath xxviii dayes.

- New moon the 3 day, almost at midnight.
- First quarter the 11 day, about 5 at night.
- Full moon the 18 day, 38 min. past 8 morning.
- Last quarter the 25 day, at 1 in the afternoon.

1	D	Budget Fast	capt. 25	♂ ♀ ☾	Snow-like	1	0
2	S	Purit. or Mary	aquar. 8	☐ ☽ ☾	Fair, and	2	10
3	F	Craft. Purific.	19	as if frosts were pro-		3	0
4	G	Shrovelunday	pisces 1	mised, with dry		3	48
5	A	Exc. ret. brev.	14	windes.		4	36
6	b	Appearance	26	☐ ☽ ☾ ♂		5	24
7	c	Ashwednesday	Aries 8	♂ ♀ ☾		6	12
8	D	Sun in Pulces	21	♂ ♀ ☾	Like to	7	0
9	S	Octab. Purif.	taur. 4	besome snow before		7	48
10	F	Exception day.	17	the first quarter.		8	36
11	G	Quadragesima	gem. 1	Cold abated.		9	10
12	A	Termenous	14	Windie. ☐ ☽ ☾		9	52
13	b	Ember week.	28	Fair. ☐ ☽ ☾		10	36
14	c	Valentine	cancer 13	♂ ♀ ☾		11	24
15	D	Paulinus	27	Snow-like, or rain.		12	8
16	S	Julian bish.	12	☐ ☽ ♂ ☾		1	10
17	F	Policron	27	☐ ☽ ♀ ☾	Worm.	2	0
18	G	2 Sund. in lent	virg. 12	Ordination of Mini-		3	0
19	A	Gabinus	27	sters.		3	48
20	b	Wildred	libr. 11	* ♂ ☾		4	37
21	c	69 Martyrs	25	♂ ♀ ☾	Wet.	5	24
22	D	Cath. Met.	scorp. 9	Very windie about		6	10
23	S	Policarp Fast	22	this time, and after.		7	0
24	F	Matthias apost.	sag. 4			8	0
25	G	3 Sund. in lent.	17	☐ ☽ ♀ ☾		9	0
26	A	Alexopinus	29	☐ ☽ ♀ ☾		9	48
27	b	Alexander	capr. 11	Cold, and like to be		10	36
28	c	Roman abbot	22	some frosts.		11	20

Fulsea at
Lond.br.

March hath xxxi dayes.

- New moon the 5 day, 22 min. past five at night.
- First quarter the 13 day, 34 min. past one morning.
- Full moon the 19 day, at seven at night.
- Last quarter the 27 day, about 8 in the morning.

1	d	David bish.	aquar. 4	Winde and rain the	12	12
2	e	Chad bish.	16	first and second dayes.	12	58
3	f	Maurice.	28	The 3 better weather.	1	20
4	G	Midlent Sund.	pisc. 10	The 4 much rain and	2	12
5	a	Enseb. mart.	23	winde mixed with it.	3	0
6	b	Nicotoz	Aries 5	And thus it is like to	3	48
7	c	Thom. Aquin.	18	be on many dayes in	4	37
8	d	Felix bish.	taur. 1	this moneth; the chief	5	36
9	e	Apolline	14	whereof are the 1, 4,	6	10
10	f	Sun in Aries.	28	5, 8, 9, 10, 11, 15, 21	7	0
11	G	5 Sund. in lent	gem. 18	22. And on the 16	7	58
12	a	Giegorgis	25	day cold: so also on	8	45
13	b	Candide	canc. 9	some of the former	9	24
14	c	Longinus	23	dayes, if Jupiter pre-	10	12
15	d	Cyriac	leo 7	vail not.	11	0
16	e	Patrick bish.	21	* ○ h □ ♀ C	11	48
17	f	Edward king	virg. 6	♂ ♀ C winde.	12	36
18	G	Palm Sunday	22	□ ♂ C	1	24
19	a	Joseph	libr. 4	Δ h C	2	34
20	b	Cuthbert	19	♂ ♀ C	3	48
21	c	Benedict	scorp. 3	♂ ♀ C	4	39
22	d	Maundy Thurs	13	♂ ♀ C	5	26
23	e	Good Friday	29	♂ ♀ C	6	0
24	f	Botolph Fast	sagit. 12	□ ♀ C	7	2
25	G	Easter day.	25	Lady day. rain.	8	9
26	a	Castil.	capr. 7	* ♀ C	9	8
27	b	K. Charls begin	15	* ♀ C	9	49
28	c	Dorothy virg	aquar. 0	About the latter end	10	36
29	d	Eustace ab.	12	of this moneth expect	11	0
30	e	Guidon	23	winde, with some	11	42
31	f	Adelm bish.	piscs 6	thunder or hail.	12	0

April hath xxx dayes.

- New moon the 4 day, 19 min. past 7 in the morning.
- First quarter the 11 day, 12 minutes past 8 in the morn.
- Full moon the 18 day, 48 minutes past 9 in the morn.
- Last quarter the 25 day, 51 minutes past 2 morning.

1	Low Sunday	pisce. 18	*	♀	☾	12	36		
2	Octab. Pasch.	Aries 1	*	♂	☾	1	24		
3	Richard bish.	14	△	♂	☾	2	12		
4	Widoze bish.	27	White clouds.				3	0	
5	Vincent conf.	taur. 10	More clouds.				3	48	
6	Trenens	24	Storms. ♂ ♀ ☾				4	37	
7	Egislippas	gem. 8	*	♀	☾	5	36		
8	1 Sun. aft. Pasch.	22	Warm weather.				6	0	
9	Quind. Pasch.	canc. 7	Fair. △ ♀ ☾				7	0	
10	Sun in Taur.	19	□	♀	☾	Winde		8	0
11	Term begins	leo 3	like to blow up some				9	0	
12	Julius	17	wer.				9	48	
13	Justinus	virg. 2	*	♂	☾	Fair		10	36
14	Galerian m.	16	Winde and clouds.				11	24	
15	3 Sun. aft. Pasch.	29	△	♂	☾	12	12		
16	Tres Pasch.	libra 14	Fair.				1	0	
17	Anicete bish.	28	Winde and clouds.				2	0	
18	Elutherius	scor. 11	□	♂	☾	Very cold for		3	0
19	Alphage mart.	21	this time of the yeare,				3	48	
20	Alidz bish.	lag. 6	with some hail, or				4	39	
21	Simcon bish.	20	snuffs of snow, now				5	26	
22	4 Sun. aft. Pasch.	capt. 3	and then. □ ♀				6	0	
23	S. GEORGE	15	Mens. Pasch.] windie				7	0	
24	Wilfrid Fast	27	storms intermingled				8	0	
25	Mark Evang.	aquar. 8	therewith: and to				9	0	
26	Elete bishop	20	□	♀	☾	on many of		9	48
27	Anastatin	pisces 2	these dayes following.				10	36	
28	Vitalis mart.	14					11	24	
29	Rogation sund	26	□	♂	☾			12	9
30	Erkenwald	Aries 9	□	♂	♀	missing.		12	51

May hath xxxi dayes.

- New moon the 3 day, 32 min. past 6 at night.
- ☾ First quarter the 10 day, 39 min. past one afternoon.
- Full moon the 17 day, 51 min. past 5 at night.
- ☾ Last quarter the 25 day, 9 minutes past 8 at night.

1	b	Philip & James	Ari. 22	Pleasant weather.	1	30
2	c	Thanasius	taur. 5	♂ ♀ ☾	2	0
3	d	Alcanthion day	19	something cloudie.	3	0
4	e	Craft. Ascen.	gem. 3	♂ ♀ ☾	3	48
5	f	Gothardus	17	Some winde.	4	36
6	g	6 Sun. aft. East.	canc. 2	* ♀ ☾	5	24
7	a	Term ends	16	☐ ♀ ☾ Rain, or	6	12
8	b	Stanislaus	29	morning frosts.	7	0
9	c	Trans. Nich.	leo. 14	* ♀ ☾	7	48
10	d	Gordian	28	△ ♂ ☾	8	36
11	e	Sun in Gemini	virg. 12	* ☉ ☾	9	24
12	f	Pancratus	26	☐ ♂ ☾. Hot	10	12
13	g	Whitunday	libr. 10	and fair weather.	11	0
14	a	Boniface	24	Rain-like.	11	48
15	b	Adoze mart.	scorp. 7	Winde and clouds.	12	36
16	c	Ember week	20	♂ ♂ ♀ whirl-	1	24
17	d	Trans. Bern.	sagie. 3	windes.	2	12
18	e	Potentius	16	♂ ♂ ☾ ♂ ♀ ☾	3	0
19	f	Dunstan bish.	28	Misting windes.	3	48
20	g	Trinity sunday	capr. 11	Ordination of Mini-	4	36
21	a	Pichett mart	23	sters. ☐ ♄ ☾	5	24
22	b	Helon virgin	aquar. 2	♂ ♄ ☾ some drops	6	12
23	c	Wesler. bish.	15	△ ♄ ☾	7	0
24	d	Corpus Christi	27		7	48
25	e	Term begins	pisc. 10	The last quarter is like	8	36
26	f	Augustine	22	to afford winde and	9	27
27	g	Sund. aft. Tr.	Aries 4	rain.	10	15
28	a	German bish.	17	☐ ♄ ♀	11	3
29	b	Marin bish.	29	Like to thunder.	11	51
30	c	Felix pope	taur. 13	♂ ♀ ☾	12	39
31	d	Petrus	27		1	27

June hath xxx dayes.

- ☾ New moon the 1 day, 38 min. past 3 in the morning.
 First quarter the 8 day, 29 min. past 7 at night.
 ● Full moon the 16 day, 30 min. past 7 in the morning.
 ● Last quarter the 24 day, a little before high noon.

1	e	Pichomede	gem. 11	Hot and fair wea.	2	12
2	f	Parcelline	26	ther.	3	3
3	☿	1 Sun. aft. Trin	canc. 11	♂ ♀ ☾	3	51
4	a	Quind. Trin.	25	Good weather.	4	39
5	b	Exc. ret. brev.	leo 10	Cloudie.	5	36
6	s	Appearance	25	☐ ♀ ☾	6	0
7	d	Wiltan tran.	virg. 9	fair and clear.	7	0
8	s	Medard	23		8	4
9	f	Felician mar	libra 7		9	0
10	☿	3 Sun. aft. Trin	20	Windie ♂ ♀ ☾	9	48
11	a	Tres Trin.	scorp. 4	Rain-like ♂ ♀ ☾	10	36
12	b	Sun in Cancer	17	△ ♀ ☾	11	23
13	s	Term ends	29	* ♄ ☾ 12 p	12	12
14	d	Modestus	sag. 12	Like to thunder.	1	0
15	s	Wit. & Mod.	24	Winde, if not some	2	3
16	f	Kolarus	capr. 7	wet also.	3	0
17	☿	4 Sun. aft. Tr	19	Some winde.	3	48
18	a	Parcelline	aquar. 1	Cloudie. ♂ ♄ ☾	4	39
19	b	Gerbase	13	Fair. * ♂ ☾	5	26
20	s	Edward	25	Like to rain about	6	3
21	d	Ursula vrg.	pisces 6	these three dayes.	7	0
22	s	Alban mart.	18	Like to be windie the	8	3
23	f	Etheld. Fast	29	three next dayes.	9	0
24	☿	John Baptift.	Aries 13		9	48
25	a	Delph. conf.	25	♂ ♀ ☾	10	36
26	b	John & Paul	taur. 8	Cloudy ☐ ♄ ☾	11	24
27	s	7 sleepers	22	Fair and clear.	12	9
28	d	Leo Fast	gem. 5	Rain-like and thun-	12	52
29	s	Peter Apostle	20	der.	1	38
30	f	Comm. S. Paul	canc. 4	Some winde.	2	3

July hath xxxi dayes.

- New moon the first day, about 11 in the forenoon.
- First quarter the 8 day, 22 minutes past 2 in the morning.
- Full moon the 15 day, 9 min. past 10 at night.
- Last quarter the 23 day, 48 min. past 11 at night.
- New moon the 30 day, 55 min. past 8 at night.

1	6	Sun. aft. Trin.	can.	19	Fair.	☐	4	☾	2	39
2	a	Visit. of Mary.	leo	3	Cloudie.	☉	h	☾	3	48
3	b	Trans. of Tho.		19	Like to be some cold				4	48
4	c	Ulricus	virg.	4	missing rain.				5	36
5	d	Joe virgin		19					6	24
6	e	Ostab. Petri	libr.	3	Fairer weather.				7	0
7	f	Becket		17	Showers.	☉	h	☉	7	48
8	g	Sun. aft. Trin.	scorp.	1	More fair.				8	36
9	a	Cyrl bishop.		14	Thunder-like on the				9	0
10	b	Wytchen		17	9 and 11 dayes: the				9	48
11	c	Benedict	lag.	9	11 day not so fair as				10	36
12	d	Sabor & fel.		21	the 9 day.				11	24
13	e	Sun in leo	capr.	4	☉ ☽ ☾				12	12
14	f	Bonaventure		16					13	0
15	g	8 Sun. aft. Tr.		28	Swithin.	☐	4	☾	1	48
16	a	Olmund	aqu.	10	Cloudy.	☉	h	☾	2	36
17	b	Alexius		21	Thunder, and in some				3	48
18	c	Thompson	pisces	3	places hail.				4	36
19	d	Dog. dayes beg	*	15	☐ ☽ ☾				5	24
20	e	Margaret		27	☐ ☽ ☾			☾	6	12
21	f	Bartholmew	aries	9	Fair.				7	30
22	g	Sun. aft. Trin	d or	22	Magdalen. Winde.				7	58
23	a	Appolline	aur.	4	Fair and cloudy.				8	38
24	b	Fast		17	Hot, and fine fair				9	27
25	c	James Apostl		29	weather at this time.				10	15
26	d	Ann. mar. Mar	gem.	14					11	3
27	e	Martha		28	Some winde, if not				11	53
28	f	Samson bish.	canc.	12	storms also.				12	39
29	g	10 Sun. aft. Tr.		27	☉ ☽ ☾			☾	1	27
30	a	Abdon mart.	leo	12	be thunder, storms,				2	49
31	b	German		28	&c.				3	48

Auguft hath xxxi dayes.

- First quarter the 6 day, 8 min. before high noon.
 Full moon the 14 day, at two afternoon.
 Last quarter the 22 day, near 11 in the forenoon.
 New moon the 29 day, 24 minutes past 3 in the morning.

1	c	Lammas	virg. 13	Very good weather	4	36
2	d	Stephen	28	like to be.	5	24
3	e	Inb. Steph.	libr. 12	* ♀ ☾ □ ♀ ☾	6	12
4	f	Bristarch.	27	♂ ♀ ☾	7	0
5	g	11 Sun. aft. Tr.	scor. 10	△ ♂ ♀	7	48
6	a	Trans. Christi	23	Like to be an altera-	8	36
7	b	Donatus	agit. 6	tion.	9	24
8	c	Cyprian. mart.	19	Good harvest wea-	10	12
9	d	Roman. mart.	capr. 1	ther again.	11	0
10	e	Laurence m.	13	♂ ♀ ☾	11	48
11	f	Cyprian. mart.	25	Very hot.	12	36
12	g	12 Sun. aft. Tr.	aqu. 6	♂ ☉ ♀ expect	1	24
13	a	Sun in Virgo	28	some windie weather	2	12
14	b	Euseb. confes.	29	about these days.	3	0
15	c	Assum. of Mar.	pisc. 14	♂ ☉	4	48
16	d	Roch. confes.	24	♂ ☉	4	36
17	e	Octab. Laur.	Aries 6	* ♀ ☾	5	24
18	f	Agapit mart.	19	The weather like to	6	12
19	g	13 Sun. aft. Tr.	taur. 1	be bad enough now,	7	0
20	a	Thanastus	14	and some days after.	7	48
21	b	Bernard abt.	26	♂ ☉	8	36
22	c	Dog days. enl.	gem. 10	☉ ☾ ☾	9	24
23	d	Jechens Fast.	23	Hail. ☐ ♀ ☾	10	12
24	e	Barthol. Apost.	canc. 7	At Bartholmew cold	11	0
25	f	Leois. m.	21	storms. Shortly after	11	48
26	g	14 Sun. aft. Tr.	leo 6	winde, rain, and	12	36
27	a	Ardenus	21	(perhaps) some thun-	1	24
28	b	Augustine	virg. 6	der.	2	12
29	c	Joh. B. behead	22	♂ ☉	3	48
30	d	Felte	libra 6	△ ♀ ☾ & ♀	4	36
31	e	Paulinus	21	Storms.	5	0

September hath xxx dayes.

- First quarter the 5 day, 46 minutes past 2 morning.
- Full moon the 13 day, about 6 in the morning.
- Last quarter the 20 day, 10 min. before 8 at night.
- New moon the 27 day, 16 min. past 11 before noon.

1	f	Byles abbot	scorp. 5	♂ ♀ ☾	Very	5	24
2	G	15 Sun. aft. Tr.	19		good weather.	6	12
3	a	Gregorie	sagit. 2	* ♀ ☾		7	0
4	b	Theodolla	15	♂ ♀ ☾		7	48
5	c	Bertine	27		scarce fair.	8	36
6	d	Magnet	capr. 10		some winde.	9	24
7	e	Nat. Q. Elisab.	21	♂ ☉ ☾		10	12
8	f	Nat. virg. Mar.	aquar. 3		cold and moist.	11	0
9	G	16 Sun. aft. Tr.	14	♂ ♀ ☾		11	48
10	a	Silbius	26			12	36
11	b	Prothus	pisc. 9	♂ ♀ ☾		1	24
12	c	Gudow	21			2	12
13	d	Sun in Libra.	Aries 3	* ♀ ☾	Thunder.	3	0
14	e	Holy Crosse	15		Like to hail.	3	48
15	f	Nicodemus	28		Cloudie.	4	36
16	G	17 Sun. aft. Tr.	11		windes rise, * ♀ ♂	5	24
17	a	Lambert bish.	23		continue, and blow	6	12
18	b	Alatorinus	gem. 6		up storms.	7	0
19	c	Ember wee	10			7	48
20	d	Eustac. Fast. can.	3	* ♀ ☾		8	36
21	e	Matthew Evan	17	♂ ♂ ☾		9	24
22	f	Alatorinus	leo 1	♂ ♀ ☾		10	12
23	G	Ordination of	15			11	0
24	a	Ministers	29			11	48
25	b	Cleophas	virg. 14	♂ ♀ ☾	Rain-like.	12	36
26	c	Cyprian mar.	29	♂ ♀ ☾		1	24
27	d	Cosm. & Jam.	libr. 15	♂ ☉ ♂	Sickly and	2	12
28	e	Cruper. Fast.	29		cloudie weather.	3	48
29	f	Michael Arch	scor. 13		Windie dayes fol-	4	36
30	G	19 Sun. aft. Tr.	27		low.	5	24

October hath xxxi dayes.

- ☾ First quarter the 4 day, about 7 after noon.
- Full moon the 12 day, 46 minutes past 9 at night.
- ☾ Last quarter the 20 day, a little before 4 in the morning.
- New moon the 26 day, 30 minutes past 10 at night.

1	a	Remigius	lagit. 10		6	12
2	b	Leodegar	23	☐ ♀ ☾	7	0
3	c	Candw. mar.	capr. 6	* ♄ ☾	7	48
4	d	francis. conf.	18		8	36
5	e	K. Chir. fr. Sp	29	Great windes with	9	24
6	f	Octab. Mich.	aqu. 12	sudden storms.	10	12
7	g	20 Sun. aft. Tr.	23	☐ ☉ ☾	11	0
8	a	Delagius	pisc. 5	☐ ♀ ☾	11	48
9	b	Term begins	16	* ♂ ☾	12	36
10	c	Paul bish.	29	More milde.	1	24
11	d	Burchard	Ari. 12		2	12
12	e	Colman	24	Some dayes soon af-	3	0
13	f	Sun in Scorpio	taur. 7	ter the full moon,	3	48
14	g	21 Sun. aft. Tr.	20	cold weather, snow,	4	36
15	a	Wolfran	gem. 3	&c. ☐ ♀ ☾	5	24
16	b	Michael	17		6	12
17	c	Etheldred	29	☐ ♀ ☾	7	0
18	d	Luke Evang.	canc. 14	Winde and rain.	7	48
19	e	fridolfw	26	♂ ♂ ☾	8	36
20	f	Tres Mich.	leo 11	Better weather.	9	24
21	g	22 Sun. aft. Tr.	26	Rain-like again.	10	12
22	a	Severus b.	virg. 9	* ♄ ☾	11	0
23	b	Romanus	24	☐ ♄ ☾ winter weath.	11	48
24	c	Magloz	libr. 9	♂ ♀ ☾	12	36
25	d	Crisp & Crisp	23		1	24
26	e	Arula	scor. 7	Cold increased.	2	12
27	f	Menf. Mic. Fast	21	☐ ♄ ♀ cold storms.	3	48
28	g	Simon & Jude	lag. 5	* ♂ ☾	4	36
29	a	Marcillus b.	19	♂ ☉ ♄ clear	5	24
30	b	Germane	capr. 1	Fair and freezing.	6	12
31	c	Quint. Fast	14	West windes.	7	0

November hath xxx dayes.

- First quarter the 3 day, 30 minutes past 3 afternoon.
- Full moon the 11 day, 26 minutes before one afternoon.
- Last quarter the 18 day, 30 minutes before high noon.
- New moon the 25 day, 28 minutes past high noon.

1	d	All Saints	capr. 26	Rain-like.	□	♀	☾	7	48
2	e	All Souls	aquar. 8	Turbulent.	♂	♂	☾	8	36
3	f	Craft. Anim.	20	Sleet.	□	♂	☾	9	24
4	G	24 Sun. aft. Tr.	pisc. 1	△	♀	☾		10	12
5	a	Powder treason	13	△	♂	☾		11	0
6	b	Leonard	25	*	h	☾		11	48
7	c	Willibrod	Aries 7	□	h	♀	Cold	12	36
8	d	4 crowned m.	20	missing or snowing				1	24
9	e	Theodor. m.	taur. 2	weather.	□	h	☾	2	12
10	f	Crispion. m.	15	Rain-like.				3	0
11	G	15 Sun. aft. Tr.	28	△	h	☾		3	48
12	a	Sun in Sag.	gem. 12	△	♂	☾		4	36
13	b	Byce.	26	☾	♂			5	24
14	c	Jucundus b.	canc. 10	Cloudy	△	♀	☾	6	12
15	d	Leopoldus	24	dark	*	♂	☾	7	0
16	e	Edmond Dep.	leo 8	weather	♂	h	☾	7	48
17	f	Hugon bish.	22	♂	♂	☾	windie	8	36
18	G	26 Sun. aft. Tr.	virg. 7	Turbulent	□	♂	♂	9	24
19	a	K. Charl. born.	21	storms	*	♀	☾	10	12
20	b	Edmund k.	libr. 5	△	h	☾		11	0
21	c	Presen. of M	19	△	♂	☾		11	48
22	d	Cicely virg.	scorp. 3	Pleasant weather as				12	36
23	e	Clement pap.	16	if it would freeze.				1	24
24	f	Chillogon m.	29	♂	♀	☾		2	12
25	G	27 Sun. aft. Tr.	sagit. 13	♂	♂	♀	wet and	3	0
26	a	Linus	26	cold fleeting wea-				3	48
27	b	Agricola	capr. 9	ther.				4	36
28	c	Term ends	21	*	♂	☾		5	24
29	d	Saturn. Fast	aqu. 4	*	♀	☾		6	12
30	e	Andrew Apost	16	*	♂	☾		7	0

December hath xxxi dayes.

- ☾ First quarter the 3day, about one in the afternoon.
- Full moon the 11 day, 21 minutes past 2 in the morning.
At this time is a great eclipse, which begins much sooner.
- ☾ Last quarter the 17 day, 55 minutes past 7 at night.
- New moon the 25 day, 26 minutes past 5 morning.

1	f	Eligius bish.	aqua. 28	Wet at night.	17	48
2	☾	Advent sunday	pisc. 9	☐ ♀ ☾	8	36
3	a	Lucius R.	21	Cold and meist.	9	24
4	b	Barbara virg.	Aries 3	△ ♀ ☾	10	12
5	c	Sabba Abbots	15	△ ♀ ☾	11	0
6	d	Nicholas bish.	28	* ♂ ☾	11	48
7	e	Ambrose bish.	taur. 10	Clear dayes promi-	12	36
8	f	Concep. Mary	24	sing frost.	1	24
9	☾	2 Sun. in Adv.	gem. 7	☐ ♂ ☾	2	12
10	a		21	♂ ♀ ☾	3	0
11	b	● Eclipsed.	canc. 5		3	48
12	c	Sun in Capric.	20	△ ♄ ☾	4	36
13	d	Lucie virg.	leo 4	South windes	5	24
14	e	Piculus	19	△ ♀ ☾	6	12
15	f	Waler. bish.	virg. 3	△ ☉ ☾ Some	7	0
16	☾	3 Sun. & O sap.	18	snov.	7	48
17	a	Lazarus	libr. 2	* ♄ ☾ & Note	8	36
18	b	Widoz mart.	16	that we shall have	9	24
19	c	Ember week.	28	more fleeting and	10	12
20	d	Fast	scor. 13	rainie weather this	11	0
21	e	Thomas Apostl	26	moneth, then frostie.	11	48
22	f	30 Martyres	sagit. 9		12	36
23	☾	Ordination of	21	☾ ♄	1	24
24	a	Ministers.	capr. 5	♂ ♀ ☾ Rain.	2	15
25	b	Christmas day	17	* ♂ ☾	3	0
26	c	S. Stephen	29	* ♄ ☾	3	48
27	d	S. John Evang.	aqu. 12	♂ ♄ ☾ snowlike	4	36
28	e	Innocents	24	☐ ♄ ☾	5	24
29	f	Thom. Cant.	pisc. 6	* ♀ ☾	6	12
30	☾	1 Sun. aft. Chr.	18	♂ ♂ ☾	7	0
31	a	Silvester	29	* ♀ ☾	7	48

No.	Name	Age	Sex	Color	Religion	Marital Status	Education	Occupation	Place of Birth	Year of Immigration	Year of Arrival	Year of Departure	Remarks
1	John A. Smith	25	M	W	Anglican	Single	High School	Teacher	England	1880	1880	1880	
2	James H. Jones	30	M	W	Anglican	Married	University	Engineer	Scotland	1875	1875	1875	
3	William B. Brown	28	M	W	Anglican	Single	College	Lawyer	Ireland	1878	1878	1878	
4	Charles C. White	22	M	W	Anglican	Single	High School	Student	Wales	1882	1882	1882	
5	Thomas D. Green	35	M	W	Anglican	Married	University	Physician	France	1870	1870	1870	
6	Robert E. Black	20	M	W	Anglican	Single	High School	Student	Germany	1883	1883	1883	
7	Henry F. Gray	27	M	W	Anglican	Single	College	Engineer	Italy	1879	1879	1879	
8	George G. Hall	32	M	W	Anglican	Married	University	Architect	Austria	1873	1873	1873	
9	Edward H. King	24	M	W	Anglican	Single	High School	Student	Spain	1881	1881	1881	
10	Frederick I. Lee	29	M	W	Anglican	Single	College	Teacher	Portugal	1876	1876	1876	
11	John J. Scott	31	M	W	Anglican	Married	University	Engineer	Greece	1874	1874	1874	
12	William K. Adams	26	M	W	Anglican	Single	High School	Student	Russia	1880	1880	1880	
13	Charles L. Baker	23	M	W	Anglican	Single	College	Teacher	Poland	1882	1882	1882	
14	Thomas M. Clark	33	M	W	Anglican	Married	University	Physician	Czech Republic	1872	1872	1872	
15	Robert N. Evans	21	M	W	Anglican	Single	High School	Student	Slovakia	1884	1884	1884	
16	Henry O. Fisher	28	M	W	Anglican	Single	College	Engineer	Croatia	1877	1877	1877	
17	George P. Gibson	34	M	W	Anglican	Married	University	Architect	Serbia	1871	1871	1871	
18	Edward Q. Hall	25	M	W	Anglican	Single	High School	Student	Romania	1881	1881	1881	
19	Frederick R. King	30	M	W	Anglican	Single	College	Teacher	Bulgaria	1876	1876	1876	
20	John S. Lee	27	M	W	Anglican	Single	High School	Student	Yugoslavia	1879	1879	1879	
21	William T. Scott	32	M	W	Anglican	Married	University	Engineer	Albania	1873	1873	1873	
22	Charles U. Adams	24	M	W	Anglican	Single	College	Teacher	Montenegro	1881	1881	1881	
23	Thomas V. Baker	29	M	W	Anglican	Single	High School	Student	Malta	1876	1876	1876	
24	Robert W. Clark	31	M	W	Anglican	Married	University	Physician	Cyprus	1874	1874	1874	
25	Henry X. Evans	26	M	W	Anglican	Single	College	Engineer	Lebanon	1879	1879	1879	
26	George Y. Fisher	33	M	W	Anglican	Married	University	Architect	Syria	1872	1872	1872	
27	Edward Z. Gibson	25	M	W	Anglican	Single	High School	Student	Jordan	1881	1881	1881	
28	Frederick A. Hall	30	M	W	Anglican	Single	College	Teacher	Israel	1876	1876	1876	
29	John B. King	27	M	W	Anglican	Single	High School	Student	Palestine	1879	1879	1879	
30	William C. Lee	32	M	W	Anglican	Married	University	Engineer	Arabia	1873	1873	1873	
31	Charles D. Scott	24	M	W	Anglican	Single	College	Teacher	Iran	1881	1881	1881	
32	Thomas E. Adams	29	M	W	Anglican	Single	High School	Student	Turkey	1876	1876	1876	
33	Robert F. Baker	31	M	W	Anglican	Married	University	Physician	Greece	1874	1874	1874	
34	Henry G. Clark	26	M	W	Anglican	Single	College	Engineer	Italy	1879	1879	1879	
35	George H. Evans	33	M	W	Anglican	Married	University	Architect	France	1872	1872	1872	
36	Edward I. Fisher	25	M	W	Anglican	Single	High School	Student	Spain	1881	1881	1881	
37	Frederick J. Gibson	30	M	W	Anglican	Single	College	Teacher	Portugal	1876	1876	1876	
38	John K. Hall	27	M	W	Anglican	Single	High School	Student	Greece	1879	1879	1879	
39	William L. King	32	M	W	Anglican	Married	University	Engineer	Italy	1873	1873	1873	
40	Charles M. Lee	24	M	W	Anglican	Single	College	Teacher	France	1881	1881	1881	
41	Thomas N. Scott	29	M	W	Anglican	Single	High School	Student	Spain	1876	1876	1876	
42	Robert O. Adams	31	M	W	Anglican	Married	University	Physician	Portugal	1874	1874	1874	
43	Henry P. Baker	26	M	W	Anglican	Single	College	Engineer	Greece	1879	1879	1879	
44	George Q. Clark	33	M	W	Anglican	Married	University	Architect	Italy	1872	1872	1872	
45	Edward R. Evans	25	M	W	Anglican	Single	High School	Student	France	1881	1881	1881	
46	Frederick S. Fisher	30	M	W	Anglican	Single	College	Teacher	Spain	1876	1876	1876	
47	John T. Gibson	27	M	W	Anglican	Single	High School	Student	Portugal	1879	1879	1879	
48	William U. Hall	32	M	W	Anglican	Married	University	Engineer	Greece	1873	1873	1873	
49	Charles V. King	24	M	W	Anglican	Single	College	Teacher	Italy	1881	1881	1881	
50	Thomas W. Lee	29	M	W	Anglican	Single	High School	Student	France	1876	1876	1876	
51	Robert X. Scott	31	M	W	Anglican	Married	University	Physician	Spain	1874	1874	1874	
52	Henry Y. Adams	26	M	W	Anglican	Single	College	Engineer	Portugal	1879	1879	1879	
53	George Z. Baker	33	M	W	Anglican	Married	University	Architect	Greece	1872	1872	1872	
54	Edward A. Clark	25	M	W	Anglican	Single	High School	Student	Italy	1881	1881	1881	
55	Frederick B. Evans	30	M	W	Anglican	Single	College	Teacher	France	1876	1876	1876	
56	John C. Fisher	27	M	W	Anglican	Single	High School	Student	Spain	1879	1879	1879	
57	William D. Gibson	32	M	W	Anglican	Married	University	Engineer	Portugal	1873	1873	1873	
58	Charles E. Hall	24	M	W	Anglican	Single	College	Teacher	Greece	1881	1881	1881	
59	Thomas F. King	29	M	W	Anglican	Single	High School	Student	Italy	1876	1876	1876	
60	Robert G. Lee	31	M	W	Anglican	Married	University	Physician	France	1874	1874	1874	
61	Henry H. Scott	26	M	W	Anglican	Single	College	Engineer	Spain	1879	1879	1879	
62	George I. Adams	33	M	W	Anglican	Married	University	Architect	Portugal	1872	1872	1872	
63	Edward J. Baker	25	M	W	Anglican	Single	High School	Student	Greece	1881	1881	1881	
64	Frederick K. Clark	30	M	W	Anglican	Single	College	Teacher	Italy	1876	1876	1876	
65	John L. Evans	27	M	W	Anglican	Single	High School	Student	France	1879	1879	1879	
66	William M. Fisher	32	M	W	Anglican	Married	University	Engineer	Spain	1873	1873	1873	
67	Charles N. Gibson	24	M	W	Anglican	Single	College	Teacher	Portugal	1881	1881	1881	
68	Thomas O. Hall	29	M	W	Anglican	Single	High School	Student	Greece	1876	1876	1876	
69	Robert P. King	31	M	W	Anglican	Married	University	Physician	Italy	1874	1874	1874	
70	Henry Q. Lee	26	M	W	Anglican	Single	College	Engineer	France	1879	1879	1879	
71	George R. Scott	33	M	W	Anglican	Married	University	Architect	Spain	1872	1872	1872	
72	Edward S. Adams	25	M	W	Anglican	Single	High School	Student	Portugal	1881	1881	1881	
73	Frederick T. Baker	30	M	W	Anglican	Single	College	Teacher	Greece	1876	1876	1876	
74	John U. Clark	27	M	W	Anglican	Single	High School	Student	Italy	1879	1879	1879	
75	William V. Evans	32	M	W	Anglican	Married	University	Engineer	France	1873	1873	1873	
76	Charles W. Fisher	24	M	W	Anglican	Single	College	Teacher	Spain	1881	1881	1881	
77	Thomas X. Gibson	29	M	W	Anglican	Single	High School	Student	Portugal	1876	1876	1876	
78	Robert Y. Hall	31	M	W	Anglican	Married	University	Physician	Greece	1874	1874	1874	
79	Henry Z. King	26	M	W	Anglican	Single	College	Engineer	Italy	1879	1879	1879	
80	George A. Lee	33	M	W	Anglican	Married	University	Architect	France	1872	1872	1872	
81	Edward B. Scott	25	M	W	Anglican	Single	High School	Student	Spain	1881	1881	1881	
82	Frederick C. Adams	30	M	W	Anglican	Single	College	Teacher	Portugal	1876	1876	1876	
83	John D. Baker	27	M	W	Anglican	Single	High School	Student	Greece	1879	1879	1879	
84	William E. Clark	32	M	W	Anglican	Married	University	Engineer	Italy	1873	1873	1873	
85	Charles F. Evans	24	M	W	Anglican	Single	College	Teacher	France	1881	1881	1881	
86	Thomas G. Fisher	29	M	W	Anglican	Single	High School	Student	Spain	1876	1876	1876	
87	Robert H. Gibson	31	M	W	Anglican	Married	University	Physician	Portugal	1874	1874	1874	
88	Henry I. Hall	26	M	W	Anglican	Single	College	Engineer	Greece	1879	1879	1879	
89	George J. King	33	M	W	Anglican	Married	University	Architect	Italy	1872	1872	1872	
90	Edward K. Lee	25	M	W	Anglican	Single	High School	Student	France	1881	1881	1881	
91	Frederick L. Scott	30	M	W	Anglican	Single	College	Teacher	Spain	1876	1876	1876	
92	John M. Adams	27	M	W	Anglican	Single	High School	Student	Portugal	1879	1879	1879	
93	William N. Baker	32	M	W	Anglican	Married	University	Engineer	Greece	1873	1873	1873	
94	Charles O. Clark	24	M	W	Anglican	Single	College	Teacher	Italy	1881	1881	1881	
95	Thomas P. Evans	29	M	W	Anglican	Single	High School	Student	France	1876	1876	1876	
96	Robert Q. Fisher	31	M	W	Anglican	Married	University	Physician	Spain	1874	1874	1874	
97	Henry R. Gibson	26	M	W	Anglican	Single	College	Engineer	Portugal	1879	1879	1879	
98	George S. Hall	33	M	W	Anglican	Married	University	Architect	Greece	1872	1872	1872	
99	Edward T. King	25	M	W	Anglican	Single	High School	Student	Italy	1881	1881	1881	
100	Frederick U. Lee	30	M	W	Anglican	Single	College	Teacher	France	1876	1876	1876	

SWALLOW 1638.

The latter part of this
Almanack for the yeare
of our Lord God
1638.

Being the second after the Bissextile
or leap-yeare; and from the cre-
ation of the world (accor-
ding to the best Chro-
nologers) 5587.

Wherein you have a description of the
four quarters of the yeare, and of
the eclipse visible to us, with many
other necessary observations fit to be
known.

Sapiens dominabitur astris.

Printed by the printers to
the Univerſitie.

SWALLOW 1638

The latter part of this
Almanack for the year
of our Lord God

1638.

Being the second after the
of leap-year, and from the
ation of the world, began
ding to the last Chri-
monday) 1638.

Wherein you may see
some quarters of the year, and of
the triple whole to us, and
other necessary observations for
known.

A printed and bounden work.

Printed by the printers to
the Privie Council.



Of the foure quarters of the yeare:

And first of Winter.

Winter, that frost-bitten churl, taketh his beginning with the Sunnes entrance into that cold and earthy signe Capricorn, which happened the last yeare on the 12 day of December; the nights being then at longest, and the dayes at shortest. This season is vulgarly accounted the first, and continueth till the sunne hath runne through Capricorn, Aquarius, and Pilces. Howbeit I do verily think that the naturall beginning of the yeare ought rather to be Veried from Autumne, because it is very probable that the world took beginning at the same time of the yeare. The shortest day with us, at and about Cambridge, is 7 houres and 26 minutes.

A warm and moist winter is very unwholsome, and an enemy to husbandmen; but reasonable store of snow both make the ground rank, and is good to preserve corn and saffron-heads.

Of the Spring.

This quarter beginneth with the Sunnes entrance into Aries, and is a season which never came unwithed for, or unwelcome. The dayes and nights are now of equall length, and the sunnes approach beginneth to reuive as well things sensible as vegetiue: so, now the prettie lambs begin to skip and dance, the long silenced birds cleare up their rugged throats; and, like the blood in mans bodie, the sap ariseth in the growing

tree and fertile plants. This season entreteth on the 10 day of March.

And note that a moist Spring makes fruits to be rotten, and weeds abundant; and if hot, roses will be rank, but not sweet: and so it may be said of other flowers, they will better please the eye then the taste or smell. Moreover, if the winter be dry and full of northwinde, and the spring rainie and full of southwinde; in the summer season there will happen sharp febers, hot apostumations in the eyes, with flures, especially unto women; and such men as are filled with salt flegme or unnaturall choler. But if the winter have plenty of southwinde, be rainy and warm; and the spring time succeeding be drie, and full of northwinde; then women with childe shall be in danger of untimely deliuerance; or being deliuered at their full time, their children will be weak, and either live in a sickly health, or else die very soon. Old folks shall be plagued with rheumes, catharres, and other like griefs.

Of Summer.

Summer may well be called the mother of plentie, and daughter of bountie. In Latine we call it *Aestas*, which is ab *actu*, from the exceeding heat: and so also both the English word seem to expresse it: for our English word Summer, is (as Verstegan obserbeth) the same with that which in the Germane tongue is *Wintzen* *Sunne mehr*, that is, plus solis, or more sunne then at other times. The beginning of this quarter astronomically, is this yeare on the 12 day of June, at which time the Sunne entreteth into the first scouple of Cancer.

And note that if summer prove very wet, fruits will putrifie, grain will be scarce, and sicknesses plentiful.

But

But if it be drie and full of northwinde, and the autumne succeeding be rainy and full of south winde; then towards winter expect great pains in the head, with coughs, rheumes, hoarsnesse, and (to many) consumptions. Or more nearely, if it be very drie, there will be want of grain at harvest, great sicknesses to such as are of fit complexion for the season, fishes will die in ponds, but summer fruits will be wholesome.

Of Autumne.

Autumne may not unfitly be called the peares barbour, or (if you will) a kinde-hearted prodigall, that giveth all away, and leaves himself nothing. This quarter in the entrance of it (which this yeare is on the 13 Day of September) doth make the dayes and nights again of equall length, as formerly in the vernal equinox. He takes his name ab Autumno, which significeth, to make ripe: or else a bonorum anni augmentatione, which is, from the increase of the goods or provision of the yeare.

And note that when the hardest season, or autumne is dry and full of northwinde, then shall men and women which are of moist complexion, be in best estate; but to such as are of a contrary constitution, shall be long and sharp fevers, melancholy griefs, and such diseases as proceed out of too much drinesse. But if moist, the vintage will be bad, grapes soon rotten, and wines quickly putrifie.

Swallow 1638.

A chronologicall note of some memorable accidents, shewing how long it is since any of them happened.

The yeeres from the Creation are diversly accounted by sundrie authours: but those who are esteemed the best, & do come nearest to the truth, do reckon thus 5587

Noahs flood	3940
The destruction of Sodome and Gomorrah	3540
The Israelites came out of Egypt	3134
The destruction of Troy	2821
The building of the temple by K. Solomon	2654
The building of Rome	2390
The death of Romulus	2351
The death of Elop	2208
The rape of Lucrece	2147
The death of Alexander the great	1901
Our Saviours birth vulgarly accounted	1638
But more truly (though we reckon otherwise)	
Since his birth	1640
The death, or passion of our Saviour	1600
The martyrdom of S. Stephen	1600
The destruction of Jerusalem by Titus	1566
William the Conquerour	1534
The invention of Gunnes	1534
The invention of Printing	1534
Marine Luther first opposed the Pope	1534
King Henry conquered Bulloin	1534
The massacre of Protestants in France	1534
Tilbury camp on S. James his day	1534
The Powder treason	1534
The last great frost: it began in Novem. 1607	1607
The last blazing Starre	1607

On the 27 of March the fourteenth yeare of our **K.** beginneth, having then reigned 13 compleat year

Vivat Rex.

¶ Of a Year.

In all matters legall the yeare begins not with
us untill the 25 day of March: so that the yeare
which doth begin on the first of January, is the Julian
yeare, instituted by Julius Caesar.

Of a Day.

A Day in all legall or law matters is accounted, but
from sunne to sunne: so that one who hath a summe
of money to pay on a set day by bond, need not tender
his money either befoze or after sunne. This kinde of
day is that which we call an artificiall day: but a day
naturall is to be accounted from midnight to midnight,
as is the day to be reckoned for indictments of murder.

Of S. Matthias in the leap-yeare.

In every leap-yeare the 24 and 25 dayes of February in
suits at law are to be accounted both as one. But for
keeping of fairs observe this, viz. that those fairs
which use to be on the 24 day, must be kept on the 25;
because when it is leap-yeare, Matthias (which is their
rule) is not untill the 25 day.

Of the Prime.

Because many country people use to take observati-
ons from the Prime, concerning their swearing of cat-
till, I will briefly set down what it is. The sun is
said to be primed when she is above dayes and 18. houres
old, being then in her half quarter, and foure points of
the compasse eastward from the sunne.

38. *allow* 1638.

A note of certain other observations throughout every moneth.

January.

On the first day of this moneth we begin a new year of the Golden number and Cycle of the sunne: albeit the Epact begins not untill the first of March. And here (as hath been said) is evermore the first point of the Julian year.

February.

On the fourth of this moneth, in the year of our Lord 1579, which is now 59 years since, there fell a marvelous deep snow.

March.

In the year of our Lord 1117, being now 511 years since, there was in this moneth exceeding much lightning and the December after, much thunder and hail; at both which times, the moon (most prodigiously) seemed to be turned into blood.

April.

On the ninth of this moneth, being Palm-sunday, in the year of our Lord 1077, which is now 561 years since, in the 12 year of William the Conquerour, there appeared a great blazing starre about noon, neare unto the sunne.

May.

On the 21 day of this moneth, in the year of our Lord 1182, being now 216 years since, there was a general earthquake, and a water-flaking, which made the ships in the havens to rotter, no winds or waves raging.

June

Swallow 1638.

June.

On the fourth day of this moneth, in the yeare of our Lord 1561, being now 77 yeares since, *S. Pauls* steeple in London was burnt.

July.

On the 10 day of this moneth, 426 yeares since, London bridge was on fire at both ends, whereupon the people on the bridge thronging indiscreetly into such vessels as came to succour them, were drowned to the number of about three thousand.

August.

In the yeare of our Lord 1099, being now 539 yeares since, in the summer time, at *Finchamsted* in *Barkshire*, bloud was seen to issue our of the ground, to the great amazement of all the beholders.

September.

On the eighth day of this moneth, being Saturday, and in the 70 yeare of our Lord (which is now 1568 yeares since) *Jerusalem* was wholly taken by *Titus*, according to the prediction of the Prophet *Daniel*, viz. that after 70 weeks, it should be thrown down, and made desolate, by the people of the Prince to come, Dan. 9. 24.

October.

Five hundred and 24 yeares since, on the tenth day of this moneth, for two dayes space, the Thames was so drie, that even children could wade through on foot. In this moneth likewise (388 yeares since) on a certain dark night, the sea seemed to be all on fire, and the waves to fight together after a wonderfull manner.

November.

Swallow 1638.

November.

On the 14 of this moneth, 64 yeares since, viz. in the yeare of our Lord 1574, there were strange impressions of fire and smoke seen in the aire about midnight; and the next day, the heavens seemed to be all on fire.

December.

From the first of this moneth untill the twelfth, in the yeare of our Lord God 1563, being now 75 yeares since, there was such terrible thunder and lightning, especially on the 12 day, that the oldest man then alive, had not seen or heard of the like ever before. Also, it is fresh in memorie, that 10 yeares since, viz. 1628, there was a great tempest of thunder and lightning on *S. Thomas* day, for the space of an houre, between 10 and 11 at night, which was mixed with hail and rain.

How the Sunne cometh to be eclipsed.

An eclipse of the sunne is nothing else but the interposition of the bodie of the moon between the sunne and the earth, or between the sunne and our sight.

How the Moon cometh to be eclipsed.

The sunne never goeth from under the ecliptick line, but the moon hath 5 deg. of latitude on either side of the ecliptick: at such full moons then as the moon shall be little or nothing in latitude, and under the ecliptick line, diametrally opposite to the sunne, then will she be eclipsed, because then there will be an interposition of the earths dark body between them; shadowing the sunnes light from the moon, which of her self is but dark.

And note that this yeare there will be a great eclipse of the moon visible in our hemisphære, on the 11 day of December, beginning 59 min. before one in the morning; and will not be ended untill 4 houre 3 after.



A perpetuall table to finde the Epact if you know the Golden number.

The Golden num.	The Epact.	The Golden num.	The Epact.	The Golden num.	The Epact.
1	11	8	28	14	4
2	22	9	9	15	15
3	3	10	20	16	26
4	14	11	1	17	7
5	25	12	12	18	18
6	6	13	23	19	29
7	17	0	0	0	0

The use of the table.

The use of this table is thus: The Golden number for the yeare in which you should finde the Epact being known, enter this table forth it, and right against it in the columnne or space on the right hand is set the Epact answering to that Golden number.

Example.

This present yeare 1638, the Golden number is 5, wherewith I enter this table in that space for the Golden number, where I may finde 5, and in the next space on the right hand under the title, The Epact, I finde 25 right against 5, by which I conclude that the Epact this yeare is 25.

How

¶ How to finde the Golden number every yeare without Arithmetick.

The Golden number is easily found, seeing it increaseth but one every yeare, until 19 yeares be expired, at which time it beginneth at one again. The last yeare it was 4, this yeare it is 5, the next yeare it will be 6, and so on till you come to 19; then begin at one again, and so adde one every yeare as befoze.

How to finde the age of the Moon.

Adde to the Epact the number of moneths from the beginning of March, together with the moneth wherein you seek, and also the number of dayes past of that moneth wherein you seek, and such addition will shew you the age of the moon, if the summe of the addition be lesse then 30; but if the summe of addition do exceed 30, then subtract 30, and the remainder shall be the age of the moon, so as the moneth wherein you seek have 31 dayes; for if it hath lesse then 31 dayes, you must subtract but 29; and the remainder shall be the age of the moon.

Example.

May the 20 I would know the age of the moon; the Epact this yeare is 25, the moneths from March to May, accounting March for one, are three, the dayes are 20; all which added together make 48, from whence take away 30 (because May hath 31 dayes) and there remaineth 18, which is the moons age on the foresaid day.

Swallow 1638.

A plain and easie Table, shewing the beginning, continuance, and ending of the Reignes of all the Kings and Queens since William the Conquerour: with the time since their reigne ended to this year.

The Kings Names.	Began their Reigne.	Reigned year.mon.da.	Since their Reignes ended
William Con.	1066 Octob. 14	20 11 22	551 Sept. 9
William Ruf.	1087 Sept. 9	12 11 18	538 Aug. 2
Henry	1100 Aug. 2	35 4 11	503 Dec. 2
Stephen	1135 Dec. 2	18 11 19	484 Octob. 25
Henry	1154 Octob. 25	34 9 2	449 July 6
Richard	1189 July 6	9 9 22	439 April 6
John	1199 April 6	17 7 0	422 Octob. 19
Henry	1216 Octob. 19	56 1 0	366 Nov. 16
Edward	1272 Nov. 16	34 8 9	331 July 7
Edward	1307 July 7	19 7 6	312 Jan. 25
Edward	1327 Jan. 25	30 5 7	261 June 21
Richard	1377 June 21	22 3 16	239 Sept. 29
Henry	1399 Sept. 29	13 6 4	226 Marc. 20
Henry	1413 Mar. 20	9 5 24	216 Aug. 31
Henry	1422 Aug. 31	38 6 16	178 Marc. 4
Edward	1461 Mar. 4	22 1 8	155 April 9
Edward	1483 April 9	0 2 18	155 June 22
Richard	1483 June 22	2 2 5	153 Aug. 22
Henry	1485 Aug. 22	23 8 19	129 April 22
Henry	1509 Apr. 22	37 10 1	92 Jan. 28
Edward	1546 Jan. 28	6 5 19	85 July 6
Qu. Mary	1553 July 6	5 4 22	80 Nov. 17
Qu. Elisabeth	1558 Nov. 17	44 4 19	36 Mar. 25
K. James	1602 Marc. 24	22 0 3	13 Mar. 27
K. CHARLES	1625 Marc. 27		

Note that each King began his reign at the same time that the next precedent King ended his.

Obfer-

Observations for husbandmen, and others.

In January take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree roots, cut your vines in some of the twelve dayes.

Set quick-sets, roses, and sallets in the moneth of February. And now cover up the roots of your trees with good earth, which you opened before in the beginning of January.

In March you may graft; but in planting and grafting chioose a warm time: wherefore let not the winde be in the East or North, because such windes are commonly nipping, especially being helped by any aspect of the moon, with Saturn or Venus, in cold signes, as Virgo, Capricorn, Taurus, Scorpio, Pisces, or Cancer.

In the end of April, or beginning of May, set and sow tender herbs and seeds in your gardens, in a good temperature of aire.

If you mean to preserve flowers or seeds, gather them in a full moon; let the sun shine first upon them, and they will keep the better: But let them not be dried in the sun, lest the sunne draw away part of their vertue.

Remove young trees either in the end of October, in November, or February, the moon increasing: and be sure to set that side south which was south before, because it cannot endure the cold north.

Sheare sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, the moon in Taurus, Virgo, or Libra.

Weld cattell the moon in Aries, Sagittarius, or in Capricorn, being in her last quarter.

Gather all fruits that you mean to keep, in a dry time, when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or foure dayes before the full, or three or foure dayes after the full.

¶ Of bloud-letting, and some other
Physicall observations.

In youth, let bloud from the change to the first quarter.
In middle age, from the first quarter to the full.
In elder yeares, from the full to the last quarter.
And in old age, from the last quarter to the change.

But know, that under the age of 14, and above 56,
it is not good to bleed at all.

Again, in the Canicular or Dog-dayes, it is very
hurtfull to take any Physick, unlesse there be great
need: and indeed, necessitie hath no law. Wherefore in
such a case, the disease being desperate, the cure must be
adventured.

Take a purgation when the Moon is in a Trine or Sex-
tile aspect with Venus, decreasing, in any of these three
signes, Cancer, Scorpio, or Pisces, and it will be sure to
work the better; because when a moist planet in a moist
signe hath such an aspect, the humours in the body are
then stirred up and down, and so the better purged out.
Wherefore, in this case it cannot be amisse to prepare the
humours by something or other which is laxative: and
let this be done whilst the Moon is either in Gemini, Li-
bra, or Aquarius.

Take a vomit that it may work thoroughly, when the
Moon is in Aries, Taurus, or Capricorn. And know, that
the aspects of the Moon with Saturn, or Mars, or the Moon
in Leo, ought to be eschewed in the taking of medicines.

Finally, if necessitie urge not haste, these obser-
vations are expedient: for it is a plain truth, that the
change of weather upon differing aspects, doth greatly
change and alter our bodies.

Things

Things good for the eyes.

All green colours, cold water, fenel, the water of white roses distilled, Celendine, Eyebright, Heryvine, Agremonie, Cloves: and for hot eyes, the suppe of houseleek softly boyled in the shell of a new-laid egge till it be clean scummed, is very good.

Things ill for the eyes.

To look much at red colours, or at fire: to reade soon after supper: to eat much garlick, onyons, radish-roots, saltmeats, coleworts and pulse; as also to drinke wine that is both thick and sweet. Smoke likewise and dust be very bad: and to anoint the eyes with bats blood, will clean put them out; according to that old proverb, The blood of a bat will make a man see as well by night as by day: which may well be true in him that cannot see at all.

Things good for the brain.

To smell to camomill, musk, or red-roses: to wash the temples often with rose-water: to eat sage meat: surably: to drinke wine not overmuch: to keep the bodie warm: to wash the hands often: to walk and sleep measurably: to eat mustard and pepper: and not to be troubled with too much noise.

Things ill for the brain.

Late suppers: much sleep after meat: anger: to smel to a white rose: garlick, onyons, much milk and cheese: to stand long against your ule bare-headed: to eat hastily and overmuch: to eat too liberally on any kind of beeing: much sweat in labour or travel: and a desorted practise or daily course in drinking.

Here

¶ Here followeth the time of sunne-setting, and length of the day, in our latitude of Cambridge.

January.

Dayes.	The sunne setteth.	Length of the day.
1	14 minut.	7 hou. and 48 minut.
3	17 minut.	7 hou. and 54 minut.
5	19 minut.	7 hour. and 49 minut.
7	1 minut.	8 hou. and 2 minut.
9	4 minut.	8 hou. and 8 minut.
11	6 minut.	8 hou. and 12 minut.
13	9 minut.	8 hou. and 18 minut.
15	13 minut.	8 hou. and 16 minut.
17	16 minut.	8 hou. and 32 minutes
19	20 minut.	8 hour. and 49 minutes
21	24 minut.	8 houres and 48 minutes
23	27 minut.	8 houres and 54 minutes
25	31 minut.	9 houres and 2 minutes
27	39 minut.	9 houres and 12 minutes
29	40 minut.	9 houres and 20 minutes

February.

Dayes.	The sunne setteth.	Length of the day.
1	45 minut.	9 houres and 30 minutes
3	49 minut.	9 houres and 38 minutes
5	52 minut.	9 houres and 44 minutes
7	56 minut.	9 hou. and 52 minut.
9	just at 5.	just 10 houres long.
11	4 minut.	10 houres and 8 minutes
13	8 minut.	10 houres and 16 minutes
15	12 minut.	10 houres and 24 minutes
17	16 minut.	10 houres and 32 minut.
19	20 minut.	10 houres and 40 minut.
21	24 minut.	10 hou. and 48 minut.
23	28 minut.	10 hou. and 56 minut.
25	32 minut.	11 hou. and 4 minut.
27	37 minut.	11 houres and 14 minutes

March.

March.

Dayes.	The sunne setteth.	Length of the day.
1	40 minut.	5 } 11 houres and 20 minut.
3	44 minut.	5 } 11 houres and 28 minut.
5	48 minut.	5 } 11 houres and 36 minut.
7	53 minut.	5 } 11 houres and 46 minut.
9	57 minut.	5 } 11 houres and 54 minut.
11	2 minut.	6 } 12 houres and 4 minut.
13	6 minut.	6 } 12 hou. and 12 minut.
15	10 minut.	past 6 } 12 hou. and 20 minut.
17	14 minut.	6 } 12 hou. and 28 minut.
19	18 minut.	6 } 12 hou. and 36 minut.
21	22 minut.	6 } 12 hou. and 44 minut.
23	26 minut.	6 } 12 hou. and 52 minut.
25	30 minut.	6 } 13 houres long.
27	35 minut.	6 } 13 houres and 10 minut.
29	39 minut.	6 } 13 hou. and 18 minut.

April.

Dayes.	The sunne setteth.	Length of the day.
1	43 minut.	6 } 13 hou. and 26 minut.
3	46 minut.	6 } 13 hou. and 32 minut.
5	50 minut.	6 } 13 hou. and 40 minut.
7	54 minut.	6 } 13 hou. and 48 minut.
9	58 minut.	6 } 13 hou. and 56 minut.
11	1 minut.	7 } 14 hou. and 2 minut.
13	5 minut.	7 } 14 hou. and 10 minut.
15	9 minut.	past 7 } 14 hou. and 18 minut.
17	12 minut.	7 } 14 hou. and 24 minut.
19	16 minut.	7 } 14 hou. and 32 minut.
21	19 minut.	7 } 14 hou. and 38 minut.
23	23 minut.	7 } 14 hou. and 46 minut.
25	27 minut.	7 } 14 hou. and 54 minut.
27	31 minut.	7 } 15 hou. and 2 minut.
29	35 minut.	7 } 15 hou. and 10 minut.

Swallow. 1638.

May.

Days.	The sunne setteth	Length of the day.
1	39 minut. pass 7	15 hou. 18 minut.
3	42 minut. 7	15 hou. 24 minut.
5	44 minut. 7	15 hou. 28 minut.
7	47 minut. 7	15 hou. 34 minut.
9	50 minut. 7	15 hou. 40 minut.
11	52 minut. 7	15 hou. 44 minut.
13	55 minut. 7	15 hou. 50 minut.
15	57 minut. 7	15 hou. 54 minut.
17	just at eight.	just 16 houres long.
19	2 minut. pass 8	16 hou. 4 minut.
21	5 minut. 8	16 hou. 10 minut.
23	7 minut. 8	16 hou. 14 minut.
25	9 minut. 8	16 hou. 18 minut.
27	11 minut. 8	16 hou. 22 minut.
29	13 minut. 8	16 hou. 26 minut.

June.

Days.	The sunne setteth.	Length of the day.
1	14 minut. 8	16 hou. 28 minut.
3	15 minut. 8	16 hou. 30 minut.
5	16 minut. 8	16 hou. 31 minut.
7	17 minut. 8	16 hou. 33 minut.
9	17 minut. 8	16 hou. 34 minut.
11	17 minut. 8	The dayes at the longest
13	17 minut. 8	16 hou. 34 minut.
15	16 minut. pass 8	16 hou. 32 minut.
17	16 minut. 8	16 hou. 31 minut.
19	15 minut. 8	16 hou. 30 minut.
21	14 minut. 8	16 hou. 28 minut.
23	13 minut. 8	16 hou. 26 minut.
25	12 minut. 8	16 hou. 24 minut.
27	10 minut. 8	16 hou. 20 minut.
29	9 minut. 8	16 hou. 18 minut.

Swallow 1638.

July.

Dayes.	The sunne setteth.		Length of the day.
1	8 minut.	8	16 hou. 16 minut.
3	6 minut.	8	16 hou. 12 minut.
5	4 minut.	8	16 hou. 8 minut.
7	1 minut.	8	16 hou. 2 minut.
9	59 minut.	7	15 hou. 58 minut.
11	56 minut.	7	15 hou. 52 minut.
13	54 minut.	7	15 hou. 48 minut.
15	52 minut.	pass 7	15 hou. 44 minut.
17	49 minut.	7	15 hou. 38 min.
19	46 minut.	7	15 hou. 32 min.
21	43 minut.	7	15 hou. 26 min.
23	40 minut.	7	15 hou. 20 min.
25	36 minut.	7	15 hou. 12 min.
27	33 minut.	7	15 hou. 6 min.
29	30 minut.	7	just 15 houres.

August.

Dayes.	The sunne setteth.		Length of the day.
1	24 minut.	7	14 hou. 48 min.
3	20 minut.	7	14 hou. 40 min.
5	16 minut.	7	14 hou. 32 minut.
7	12 minut.	7	14 hou. 24 minut.
9	9 minut.	7	14 hou. 18 minut.
11	5 minut.	7	14 hou. 10 minut.
13	1 minut.	7	14 hou. 2 min.
15	58 minut.	pass 6	13 hou. 56 min.
17	54 minut.	6	13 hou. 48 min.
19	50 minut.	6	13 hou. 40 min.
21	46 minut.	6	13 hou. 32 min.
23	42 minut.	6	13 hou. 24 min.
25	38 minut.	6	13 hou. 16 min.
27	34 minut.	6	13 hou. 8 minut.
29	30 minut.	6	just 13 houres.

September.

Swallow 1638.

September.

Dayes.	The sunne setteth.	Length of the day.
1	24 minut. past 6	12 hou. 48 min.
3	20 minut. 6	12 hou. 40 min.
5	16 minut. 6	12 hou. 32 min.
7	12 minut. 6	12 hou. 24 min.
9	8 minut. 6	12 hou. 16 min.
11	4 minut. 6	12 hou. 8 min.
13	just at six.	just 12 houres.
15	56 minut. past 5	11 hou. 52 minut.
17	52 minut. 5	11 hou. 44 minut.
19	48 minut. 5	11 hou. 36 minut.
21	44 minut. 5	11 hou. 28 minut.
23	40 minut. 5	11 hou. 20 minut.
25	36 minut. 5	11 hou. 12 minut.
27	32 minut. 5	11 hou. 4 minut.
29	28 minut. 5	10 hou. 56 minut.

October.

Dayes.	The sunne setteth.	Length of the day.
1	24 minut. past 5	10 hou. 48 minut.
3	20 minut. 5	10 hou. 40 minut.
5	16 minut. 5	10 hou. 32 minut.
7	12 minut. 5	10 hou. 24 minut.
9	8 minut. 5	10 hou. 16 minut.
11	4 minut. 5	10 hou. 8 minut.
13	just at five.	just 10 houres.
15	56 minut. past 4	9 hou. 52 min.
17	52 minut. 4	9 hou. 44 min.
19	48 minut. 4	9 hou. 36 min.
21	44 minut. 4	9 hou. 28 min.
23	40 minut. 4	9 hou. 20 min.
25	38 minut. 4	9 hou. 16 min.
27	34 minut. 4	9 hou. 8 min.
29	30 minut. 4	just nine houres.

November.

Swallow 1638.

November.

Dayes	The sunne setteth		Length of the day.	
1	25	minut.	4	8 hou. 50 min.
3	22	minut.	4	8 hou. 44 min.
5	18	minut.	4	8 hou. 36 min.
7	14	minut.	4	8 hou. 28 min.
9	11	minut.	4	8 hou. 22 min.
11	8	minut.	4	8 hou. 16 min.
13	5	minut.	4	8 hou. 10 min.
15	3	minut.	past 4	8 hou. 6 min.
17	1	minut.	4	8 hou. 2 min.
19	58	minut.	3	7 hou. 56 min.
21	56	minut.	3	7 hou. 52 min.
23	54	minut.	3	7 hou. 48 min.
25	52	minut.	3	7 hou. 44 min.
27	51	minut.	3	7 hou. 42 min.
29	49	minut.	3	7 hou. 38 min.

December.

Dayes	The sunne setteth.		Length of the day.	
1	48	minut.	3	7 hou. 36 min.
3	47	minut.	3	7 hou. 34 min.
5	46	minut.	3	7 hou. 32 min.
7	45	minut.	3	7 hou. 30 min.
9	44	minut.	3	7 hou. 28 min.
11	43	minut.	3	7 hou. 26 min.
13	43	minut.	3	7 hou. 26 min.
15	44	minut.	past 3	7 hou. 28 min.
17	45	minut.	3	7 hou. 30 min.
19	46	minut.	3	7 hou. 32 min.
21	47	minut.	3	7 hou. 34 min.
23	48	minut.	3	7 hou. 36 min.
25	49	minut.	3	7 hou. 38 min.
27	50	minut.	3	7 hou. 40 min.
29	52	minut.	3	7 hou. 42 min.

Note that as many min. as the sunne setteth after
 so many minures it riseth before

FINIS.

3/4/5/6/7/8
 9/8/7/6/5/4

